



May 22, 2018

P.O. Box 267
Huntsville, UT 84317

Phone 801.745.3420
Fax 801.745.1792
Web HuntsvilleTown.com

Mayor
James A. Truett

Town Council
Max Ferre'
Wendy McKay
Bill Wangsgard
Bill White

Town Clerk/Recorder
Gail Ahlstrom

Treasurer
Linda Laws

Attorney
Bill Morris

To: WACOG Transportation Subcommittee

Subject: Request for additional funding for Huntsville Pedestrian Pathway Project

Summary

The WACOG Transportation Subcommittee awarded Huntsville \$148,024 from Local Transportation Funds to construct a pedestrian pathway from 7100 East onto First Street in Huntsville. The lowest bid price exceeded the estimated cost of construction by \$81,115 and the amount of the grant by \$70,311. Huntsville respectfully requests an increase in funding of \$81,115 to cover the increased cost of construction and to maintain the original budget for construction contingencies. (See attached revised budget.)

Background

The estimated cost of construction in the original budget was developed by Weber Pathways' engineering contractor in May 2017. This budget was used in Huntsville's 2017 WACOG funding request.

In April 2018, Huntsville advertised for construction contractors to bid on the project. Thirteen contractors were invited to bid. Six contractors attended the pre-bid meeting at the construction site. Only two contractors bid on the project. The contractor that provided the engineering estimate did not participate in the bidding process because they were booked out until mid-2019. (Bid Proposal Tabulation attached.)

The engineering contractor and Weber Pathways met with the winning bidder on May 22, 2018 to review the bid to discuss the differences between the estimate and their bid. Through the discussion it was found that there has been a general increase in the cost of construction over the 12 months since the estimate was developed. It was also found the following items affected some of the increased cost.

- The engineering estimate assumed that all the fill required in construction could be done by reusing the onsite material. The construction contractor determined that reusing material that has a fibrous content will be a risk for unacceptable settling. So, the cost of bringing in fill material was included in the bid. This is a difference of \$33,250.
- The engineering estimate did not consider the one of the lanes of First Street would need to be closed during construction. Due to the nearby wetlands this is the only place construction equipment can operate. Traffic control will be required 5 days/week for 4 weeks. This difference is \$10,640.

- The contractor who supported the engineering estimate misstated the unit cost of fractured rock. Due to the large quantity this had a \$15,521 cost impact.
- At the time the WACOG funds were requested the design of the CenturyLink facilities were not finalized. The final design increased the cost \$5,225.
- The cost of steel throughout the project has increased.

Project Budget, Rev. 1
Huntsville Corner
May 22, 2017

Project Element	Total	WACOG	Match Funds Available	Matching Expenditures
Wetlands delineation and Enviromental assessment	\$3,200			\$3,200
Permitting	\$100			\$100
Engineering Fees	\$7,500	\$500		\$7,000
Construction	\$218,335	\$205,335	\$13,000	
Weber Pathways Project Management	\$7,000		\$5,000	\$2,000
Construction Contingencies	\$23,324	\$23,324		
Total	\$259,459	\$229,159	\$18,000	\$12,300
Request Ratio		88%		

BID PROPOSAL TABULATION

PROJECT NAME:

PEDESTRIAN PATHWAY - 100 SOUTH STREET /
7800 EAST STREET CONSTRUCTION PROJECT

BID DATE:

May 9, 2018

OWNER:

HUNTSVILLE TOWN

Bid Item	Description	Quantity	Unit	Post Asphalt 1762 West 1350 South Ogden, Utah 84401		Advanced Paving PO Box 12847 Ogden, Utah 84412	
				Unit Price	Total Amount	Unit Price	Total Amount
1.	Mobilization, Traffic Control, Storm Water Pollution and Prevention Plan	1	ls.	\$18,000.00	\$18,000.00	\$22,300.00	\$22,300.00
2.	Clear, grub and remove vegetation and debris.	1	ls.	\$39,000.00	\$39,000.00	\$9,600.00	\$9,600.00
3.	Removal and disposal of existing guard rail (approximately 120').	1	ls.	\$1,050.00	\$1,050.00	\$3,420.00	\$3,420.00
4.	Furnish and install safety cushion guard rail end piece.	1	ls.	\$3,900.00	\$3,900.00	\$4,900.00	\$4,900.00
5.	Furnish and install "Newbasis" fiberglass/polymer concrete box (dimensions 4' x 4' x 8').	3	ea.	\$5,200.00	\$15,600.00	\$9,000.00	\$27,000.00
6.	Furnish & install 1-1/2' to 2' diameter stones for building the 3-1/2' x 30' retaining wall.	1	ls.	\$4,000.00	\$4,000.00	\$5,400.00	\$5,400.00

Bid Item	Description	Quantity	Unit	Post Asphalt 1762 West 1350 South Ogden, Utah 84401		Advanced Paving PO Box 12847 Ogden, Utah 84412	
				Unit Price	Total Amount	Unit Price	Total Amount
7.	Furnish and install 9 - gauge galvanized gabion boxes (dimensions 3' x 3' x 9').	56 ea.		\$315.00	\$17,640.00	\$400.00	\$22,400.00
8.	Furnish and install 9 - gauge galvanized gabion boxes (dimensions 4.5' x 3' x 3').	167 ea.		\$195.00	\$32,565.00	\$370.00	\$61,790.00
9.	Furnish & install 9 - gauge galvanized panel sheet - 12' x 3'.	168 ea.		\$85.00	\$14,280.00	\$230.00	\$38,640.00
10.	Furnish & install geo-technical fabric.	585 sy.		\$2.35	\$1,374.75	\$1.00	\$585.00
11.	Furnish & install the "Telespar" Hand Railing System, complete.	1 ls.		\$13,665.00	\$13,665.00	\$21,000.00	\$21,000.00
	<u>Items A through F for Bid Item 11.</u>						
	Furnish and install 2.25" x 2.25" x 30" telespar omni anchor (12' on-center straight line and 8' on-center around curve).	48 ea.					
	Furnish and install 2" x 2" x 4.5' vertical telespar post (14 gauge).	48 ea.					
	Furnish and install 2" x 2" x 12' horizontal telespar rails (14 gauge).	125 ea.					
	Furnish and install TL018 in line joint connection with bolts.	60 ea.					
	Furnish and install TL015 "Tee" joint connection with bolts.	100 ea.					

Bid Item Description	Quantity	Unit	Post Asphalt 1762 West 1350 South Ogden, Utah 84401		Advanced Paving PO Box 12847 Ogden, Utah 84412	
			Unit Price	Total Amount	Unit Price	Total Amount
Furnish and install 1 3/4" telespar expansion sleeve connection with bolts.	60 ea.					
12. Furnish and install 4" - 8" diameter fractured rock gabion fill material.	830 ton		\$44.00	\$36,520.00	\$75.00	\$62,250.00
13. Furnish and install untreated roadbase materials – 6" thick.	210 ton		\$38.00	\$7,980.00	\$42.00	\$8,820.00
14. Furnish and install bituminous asphalt paving materials – 3" thick.	110 ton		\$116.00	\$12,760.00	\$95.00	\$10,450.00
TOTAL BID:			\$218,334.75		\$298,555.00	
Surety Company City, State Bid Security - Bid Bond Amount Contractor's License Number			Guarantee Co. North America South field, Michigan 5% UT 321972-5501		Zurich American Insurance Maryland 5% UT 8698462-5551	